SECTION 4—ERROR CODES

The XPO$_2$ has dozens of alarms that are being monitored on a continuous basis. The alarms are grouped into four main categories:

- **Common Alarms:** These are alarms for which the patient, or the provider, can take action to eliminate the issue. These alarms, and the corrective steps, are fully explained within the Owner's Manual (OM).

- **Operating Alarms:** This alarm group centers on the sieve beds and the PSA process. These are alarms for which there is no corrective action available to either the patient or the provider. However, there are sub-codes that can be accessed to help the Invacare service and repair centers.

- **Compressor Alarms:** This alarm group centers on the compressor operation. These are alarms for which there is no corrective action available to either the patient or the provider. However, there are sub-codes that can be accessed to help the Invacare service and repair centers.

- **System Alarms:** This alarm group centers on internal software monitors. These are alarms for which there is no corrective action available to either the patient or the provider (*). However, there are sub-codes that can be accessed to help the Invacare service and repair centers.

To access the Sub-Alarm codes, the unit first has to be in an alarm condition with multiple flow level LEDs illuminated. While in this condition, the Plus (+) and Minus (-) flow setting buttons should be pushed and held. As long as both these buttons are being pushed, a different set of flow LEDs will illuminate. This alternate set of illuminated LEDs is the sub-alarm code. Once the Plus and Minus buttons are released, the original alarm code will return. Once the unit is turned off, the alarm codes displays will be reset. All the alarms should be reset and the unit turned back on to see if the unit can self-correct the problem. If the alarms persist, please contact your nearest Invacare repair center.

ERROR / ERROR CODE	ALARM (Illuminated flow LEDs)	SUB-ALARM (Illuminated flow LEDs)
Common Alarms		
Internal temperature of the unit is either too hot, or too cold, to allow compressor to start. See OM for instructions.	1, 2	None
While operating, the internal temperature of the unit becomes either too hot, or too cold, to allow operation to continue. See OM for instructions.	1, 3	None
The internal battery temperature is either too hot, or too cold, to allow operation on battery to continue. See OM for instructions.	1, 4	None
Control panel button was found to be continuously pressed upon power-up (a.k.a. stuck button). See OM for instructions.	1, 5	None
Operating Alarms		
Code: 3000	3, 4	None
Code: 3001	3, 4	1
Code: 3002	3, 4	2

Compressor Alarms		
Code: 6000	4, 5	None
Code: 6001	4, 5	1
Code: 6002	4, 5	2
Code: 6003	4, 5	1,2

(*) Within the System Alarms there are a few alarms that *may* correct themselves simply by changing the internal battery.

ERROR/ ERROR CODE	ALARM (Illuminated flow LEDs)	SUB-ALARM (Illuminated flow LEDs)	COMMENTS
System Alarms			
Code: 7000	3, 4, 5	None	
Code: 7001	3, 4, 5	1	
Code: 7002	3, 4, 5	2	Replacement of the internal battery may eliminate this problem
Code: 7003	3, 4, 5	1,2	
Code: 7004	3, 4, 5	3	
Code: 7005	3, 4, 5	3,1	
Code: 7006	3, 4, 5	3,2	
Code: 7007	3, 4, 5	3,2,1	
Code: 7008	3, 4, 5	4	
Code: 7009	3, 4, 5	4,1	
Code: 700a	3, 4, 5	4,2	
Code: 700b	3, 4, 5	4,2,1	
Code: 700c	3, 4, 5	4,3	
Code: 700d	3, 4, 5	4,3,1	
Code: 700e	3, 4, 5	4,3,2	Replacement of the internal battery may eliminate this problem
Code: 700f	3, 4, 5	4,3,2,1	Replacement of the internal battery may eliminate this problem
Code: 7010	3, 4, 5	5	Replacement of the internal battery may eliminate this problem
Code: 7011	3, 4, 5	5,1	
Code: 7012	3, 4, 5	5,2	
Code: 7013	3, 4, 5	5,2,1	
Code: 7014	3, 4, 5	5,3	
Code: 7015	3, 4, 5	5,3,1	
Code: 7016	3, 4, 5	5,3,2	
Code: 7017	3, 4, 5	5,3,2,1	
Code: 7018	3, 4, 5	5,4	
Code: 7019	3, 4, 5	5,4,1	
Code: 701a	3, 4, 5	5,4,2	
Code: 701b	3, 4, 5	5,4,2,1	
Code: 701c	3, 4, 5	5,4,3	
Code: 701d	3, 4, 5	5,4,3,1	Replacement of the internal battery may eliminate this problem
Code: 701e	3, 4, 5	5,4,3,2	
Code: 701f	3, 4, 5	5,4,3,2,1	